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(54) Title: PROTEIN LIGANDS FOR NKG2D AND UL16 RECEPTORS AND USES THEREOF

(57) Abstract: A novel member of the RAETI/ULBP family of proteins (RAETIG) is identified and characterised and shown to bind the UL16 and NKG2D receptors with high affinity. RAETIG exhibits restricted expression in normal tissues but exhibits high levels of expression in tumours and may be differentially spliced in cancer cells to produce a soluble protein. RAETIG is also up-regulated in inflammatory diseases such as coeliac disease. RAETIG may be used as a novel marker for disease conditions including cancer conditions and inflammatory diseases.

